

SEQUENCE LISTING

<110> National Institute of Advanced Industrial Science and Technology

<120> The support having affinity to antibody

<130> 341-02845

<140>

<141>

<160> 10

<170> PatentIn Ver. 2.1

<210> 1

<211> 70

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Protein for
antibody immobilization

<400> 1

Ala Asp Asn Asn Phe Asn Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile
1 5 10 15

Leu Asn Met Pro Asn Leu Asn Glu Glu Gln Arg Asn Gly Phe Ile Gin
20 25 30

Ser Leu Lys Asp Asp Pro Ser Gln Ser Ala Asn Leu Leu Ala Glu Ala
35 40 45

Lys Lys Leu Asn Glu Ser Gln Ala Pro Lys Gly Gly Gly Cys Ala
50 55 60

Asp Asp Asp Asp Asp Asp
65 70

<210> 2

<211> 128

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Protein for
antibody immobilization

<400> 2

Ala Asp Asn Asn Phe Asn Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile
1 5 10 15

Leu Asn Met Pro Asn Leu Asn Glu Glu Gln Arg Asn Gly Phe Ile Gin
20 25 30

Ser Leu Lys Asp Asp Pro Ser Gln Ser Ala Asn Leu Leu Ser Glu Ala
35 40 45

Lys Lys Leu Asn Glu Ser Gln Ala Pro Lys Ala Asp Asn Asn Phe Asn
50 55 60

Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile Leu Asn Met Pro Asn Leu
65 70 75 80

Asn Glu Glu Gln Arg Asn Gly Phe Ile Gln Ser Leu Lys Asp Asp Pro
85 90 95

Ser Gln Ser Ala Asn Leu Leu Ser Glu Ala Lys Lys Leu Asn Glu Ser
100 105 110

Gln Ala Pro Lys Gly Gly Gly Cys Ala Asp Asp Asp Asp Asp
115 120 125

<210> 3
<211> 128
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Protein for antibody immobilization

<400> 3
Ala Asp Asn Asn Phe Asn Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile
1 5 10 15
Leu Asn Met Pro Asn Leu Asn Glu Glu Gln Arg Asn Gly Phe Ile Gln
20 25 30
Ser Leu Lys Asp Asp Pro Ser Gln Ser Ala Asn Leu Leu Ser Glu Ala
35 40 45
Lys Lys Leu Asn Glu Ser Gln Ala Pro Lys Ala Asp Asn Asn Phe Asn
50 55 60
Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile Leu Asn Met Pro Asn Leu
65 70 75 80
Asn Glu Glu Gln Arg Asn Gly Phe Ile Gln Ser Leu Lys Asp Asp Pro
85 90 95
Ser Gln Ser Ala Asn Leu Leu Ser Glu Ala Lys Lys Leu Asn Glu Ser
100 105 110
Gln Ala Pro Lys Gly Gly Gly Cys Ala Asp Asp Asp Asp Asp Asp
115 120 125

<210> 4
<211> 128
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Protein for antibody immobilization

<400> 4
Ala Asp Asn Asn Phe Asn Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile
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Leu Asn Met Pro Asn Leu Asn Glu Glu Gln Arg Asn Gly Phe Ile Gln
20 25 30
Ser Leu Lys Asp Asp Pro Ser Gln Ser Ala Asn Leu Leu Ser Glu Ala
35 40 45
Lys Lys Leu Asn Glu Ser Gln Ala Pro Lys Ala Asp Asn Asn Phe Asn
50 55 60
Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile Leu Asn Met Pro Asn Leu
65 70 75 80
Asn Glu Glu Gln Arg Asn Gly Phe Ile Gln Ser Leu Lys Asp Asp Pro
85 90 95
Ser Gln Ser Ala Asn Leu Leu Ser Glu Ala Lys Lys Leu Asn Glu Ser
100 105 110
Gln Ala Pro Lys Gly Gly Gly Cys Ala Asp Asp Asp Asp Asp Asp
115 120 125

<210> 5

<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Linker peptide

<400> 5
Gly Gly Gly Gly Cys Ala Asp Asp Asp Asp Asp Asp
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<210> 6
<211> 216
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:DNA coding
protein for antibody immobilization

<400> 6
atggctgata acaatttcaa caaagaacaa caaaatgctt tctatgaaat cttgaatatg 60
cctaacttaa acgagaaca acgcaatggt ttcatccaaa gcttaaaaaga tgacccaagc 120
caaagtgcata accttattgtc agaagctaaa aagttaaatg aatctcaagc accgaaaggt 180
ggcggtggct gogctgatga cgatgacgat gactaa 216

<210> 7
<211> 390
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:DNA coding
protein for antibody immobilization

<400> 7
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cctaacttaa acgagaaca acgcaatggt ttcatccaaa gcttaaaaaga tgacccaagc 120
caaagtgcata accttattgtc agaagctaaa aagttaaatg aatctcaagc accgaaaggt 180
gataacaatt tcaacaaga acaacaaaat gtttctatg aatcttgaa tatgcctaac 240
ttaaacaagg aacaacgcaa tggtttcatc caaagcttaa aagatgaccc aagccaaagt 300
gctaacctat tgtcagaaggc taaaaagttt aatgaatctc aagcacccaa aggtggcggt 360
ggctgcgtc atgacgatga cgatgactaa 390

<210> 8
<211> 302
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:DNA coding
protein for antibody immobilization

<400> 8
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tctatgaaat ctgttatgtt cctaacttaa acgagaaca acgcaatggt ttcatccaaa 180
gcttaaaaaga tgacccaagc caaagtgcata accttattgtc agaagctaaa aagttaaatg 240
aatctcaagc accgaaaggt ggccgtggct gogctgatga cgatgacgat gactaagaat 300
tc 302

<210> 9
<211> 476
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:DNA coding
protein for antibody immobilization

<400> 9
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cagcaaaagg aggaacgact atggctgata acaatttcaa caaagaacaa caaaatgtt 120
tctatgaaat ctgttatgtt cctaacttaa acgagaaca acgcaatggt ttcatccaaa 180

gcttaaaaaga tgacccaagc caaagtgcata acctattgtc agaagctaaa aagttaaatg 240
aatctcaagc accgaaagct gataacaatt tcaacaaga acaacaaaat gctttctatg 300
aatcttcaa tatgcctaac ttaaacgaa aacaacgcaa tggtttcatc caaagctaa 360
aagatgaccc aagccaaagt gctaaccat tgcagaagc taaaaaggta aatgaatctc 420
aagcaccgaa aggtggcggt ggctgcgtc atgacgatga cgtactaa gaattc 476

<210> 10

<211> 74

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Additional DNA
sequence for gene expression

<400> 10

ttgacaatat cttaactatc tttataata tattgaccag gttaactaac taaggcagcaa 60
aaggaggaac gact 74